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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Kazuyuki Sakoda et al.
Serial No.	:	09/656153
Filed	:	September 6, 2000
For	:	TRANSMITTING APPARATUS, RECEIVING APPARATUS, COMMUNICATION SYSTEM, TRANSMISSION METHOD, RECEPTION METHOD, AND COMMUNICATION METHOD
Group A.U.	:	2664

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Date
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(c)

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

As a means of complying with the duty of disclosure set forth in 37 CFR § 1.53 and in keeping with the guidelines of 37 CFR 1.98, Applicants hereby submit information thought to be relevant to the examination of the above-identified application, Also submitted herewith is a completed form PTO-

1449.

This information was cited in a European Search Report dated January 2, 2004, and it is hereby certified that this disclosure is being made within three months of that date.

United States Patent 5,353,307, Lester et al., relates to a method and apparatus for achieving automatic simulcast alignment in a digital simulcast system.

European Patent Application EP 0887975 A2, Sakoda et al., relates to a receiver capable of applying precise maximum likelihood sequence estimation with a simple configuration.

European Patent Application EP 0896440 A2, Sakoda et al., relates to a receiver capable of accurately restoring a transmitted information but by removing the influence of interference waves.

Sung-Woo Kwon et al., "A New High Performance Wireless Indoor LAN Modem for the Multimedia Communication," relates to a wireless LAN modem with improved data transmission rates from 2Mbps to 6Mbps.

F. Tufvesson et al., "Pilot Assisted Channel Estimation for OFDM in Mobile Cellular Systems," relates to the use of a minimum number of pilot symbols for channel estimation because of their tendency to introduce overhead. Five different pilot patterns are used to see what number of pilots is required for the desired bit error rate and Doppler frequency.

R. Negi et al., "Pilot Tone Selection for Channel

Estimation in a Mobile OFDM System," relates to channel estimation for mobile OFDM systems requiring transmission of pilot tones. Certain pilot tones are shown to be more effective than others with the best tones being those that are equally spaced.

Respectfully submitted,

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Encl.